

MSC 41550

I Claim:

1. A climate-controlled chamber assembly, comprising:

a device forming a chamber for receiving a person;

a control device for controlling climatic and ambient conditions in said chamber;

biosensors disposed to detect body parameters of a body of the person located in said chamber and connected to said control device;

wherein the climatic and ambient conditions in said chamber are regulated by said control device directly based on the body parameters detected by said biosensors.

2. The chamber assembly according to claim 1, wherein said biosensors are configured to detect parameters selected from the group consisting of a temperature, a pulse, a skin resistance, and a blood pressure of the person in said chamber.

3. The chamber assembly according to claim 1, wherein said control device includes a processor, and said processor and said biosensors are connected in a closed-loop control system for regulating the climatic and ambient conditions in said chamber.

4. The chamber assembly according to claim 3, wherein said biosensors are connected to said processor via a radio link.

5. The chamber assembly according to claim 1, wherein said biosensors are connected to said control device via a radio link.

6. The chamber assembly according to claim 1, wherein said control device is configured to control a composition of fluidic media supplied to said chamber.

7. The chamber assembly according to claim 6, wherein said control device is configured to control a pressure or a flow volume of the fluidic media.

8. The chamber assembly according to claim 1, wherein said control device is configured to control at least one of an illumination and an acoustic irradiation in the chamber.